

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	("6511614" "5840267" "4178182").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 08:15
S2	4	("4356429" "4539507" "4720432" "4769292").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:24
S3	0	S2 and (mix and (homogeneous or uniform))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:23
S4	0	S2 and mix	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:23
S5	3970	(organic) near7 (powder) near7 (mix or mixture or uniform or homogeneous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:25
S6	8378	(organic) with (powder) with (mix or mixture or uniform or homogeneous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:25
S7	24	S5 near7 (emulsion or emulsifying or emulsifier)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:30
S8	24	ucla.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:30
S9	0	S8 and (OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:30
S10	10853	OLED	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:31
S11	941	S10 and (powder)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:31
S12	753869	S11 and mix or mixing	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:31
S13	464	S11 and (mix or mixing)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:31
S14	452	S13 and (water or alcohol or emulsion or liquid)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:32
S15	132	S14 and (host or dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:32

## EAST Search History

S16	19	S15 and (powder near7 (mix or mixing))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 09:33
S17	8085	(427/157,158,166,248.1-252).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/03 13:31
S18	0	("L1and(pellet)").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/03 12:47
S19	248	S17 and pellet	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:31
S20	38	S19 and dopant	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 12:48
S21	689795	S20 and organic or metallic or organometallic	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:31
S22	30	S20 and (organic or metallic or organometallic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 12:51
S23	145	S17 and (blending or mixing or mix or blend) and (organic or organometallic) and (pellet or pelletized or pressed)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 13:34
S24	0	S17 same (blending or mixing or mix or blend) same (organic or organometallic) same (pellet or pelletized or pressed)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 12:56
S25	0	S17 with (blending or mixing or mix or blend) with (organic or organometallic) with (pellet or pelletized or pressed)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/03 12:56
S26	5	(2003/0008071)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 08:31
S27	1	("6797314").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 08:47
S28	1	("6649436").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:15
S29	1	("4356429").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:19
S30	1	("4539507").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:20

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S31	1	("4720432").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:21
S32	1	("4769292").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:24
S33	1245177	(powder or flake or granule or particles)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:25
S34	206084	(powder or flake or granule or particle) near7 (mix blend mixture combine homogeneous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:26
S35	161187	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:26
S36	197081	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:27
S37	123131	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:27
S38	8580	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:28
S39	5636	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL) and (pellet pelletize compact compacted press pressed compress compressed mold)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:29

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S40	1872	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED or EL) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:30
S41	760	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent or OLED) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 09:30
S42	742	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) and (organic) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:33
S43	13	S42 and ((wet near2 milled) or (wet near2 milling))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:24
S44	1	("5281268").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:25
S45	546	(powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing) and (liquid solvent wet) same (organic) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:34

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S46	169	(organic same ((powder or flake or granule or particle) near4 (mix blend mixture combine homogeneous mixed combined mixing))) and (liquid solvent wet) and (light-emitting or electroluminescent) and (pellet pelletize compact compacted press pressed compress compressed mold) and (deposit deposition)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:52
S47	8301	(powder granule flake particle) and ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:25
S48	2077	(powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 10:57
S49	1326	(powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:01
S50	8	(powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic and (light-emitting OLED alq3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:35
S51	132	(emulsify or emulsified or emulsifying or emulsifier) same ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:26
S52	8	(powder granule flake particle) near4 ((wet near2 mixing) or (wet near2 milled) or (wet near2 mixed)) and organic and (light-emitting OLED)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 11:44
S53	457	(Alq3 NPB TBADN) and (DCJTP Rubrene OP31 DPQA DBzR)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:50
S54	402	S53 and (powder mix emulsify solvent homogeneous mixture blend combine blended)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:21
S55	63	S53 and (powder) and (mix emulsify solvent homogeneous mixture blend combine blended)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:21
S56	5689	(Alq3 Alq NPB TBADN DCJTP Rubrene OP31 DPQA DBzR)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:50
S57	804	S56 and (powder)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:51

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S58	721	S57 and (mix or blend or mixture or combine)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:51
S59	676	S58 and (liquid emulsify solvent)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:51
S60	1501	S56 and ((powder or materials) near7 (mix mixture combine combining blend blending))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:52
S61	410	S56 and ((powder or materials) near7 (mix mixture combine combining blend blending) same (liquid solvent ball mill emulsify))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:40
S62	6	(09/574949)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:56
S63	0	(09/574949).app.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:56
S64	3	("574949").ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:57
S65	0	(09/5474949)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:57
S66	0	(09/574949).app.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:57
S67	0	(09/574949).ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:57
S68	6	(09/574949)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:59
S69	1	("4769292").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:59
S70	1	("5294870").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 12:59
S71	1	("5358788").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:49
S72	50099	(powder) same (emulsify emulsifying emulsifier surfactant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:50

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S73	20178	(powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:51
S74	8867	(powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:51
S75	3714	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:52
S76	2604	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:52
S77	501	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD EL)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:54
S78	878	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD electroluminescence light emitting light-emitting)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:56
S79	12	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier) same (liquid wet) and (OLED OELD electroluminescence (light adj emitting) light-emitting)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:57
S80	12	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant) same (liquid wet) and (OLED OELD electroluminescence (light adj emitting) light-emitting)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 15:57
S81	22	organic same (powder) same (mix mixture blend combine) same (emulsify emulsifying emulsifier surfactant) and (OLED OELD electroluminescence (light adj emitting) light-emitting)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:00
S82	16	organic same (powder) same (mix mixture blend combine) same (host) same (dopant)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:07
S83	631	organic near4 (powder) same (mix mixture blend combine) same (uniform homogeneous)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:08

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S84	258	organic near4 (powder) same ((mix mixture blend combine) near4 (uniform homogeneous))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:09
S85	631	organic near4 (powder) same ((mix mixture blend combine) same (uniform homogeneous))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:12
S86	20	S85 and (OLED light-emitting (light adj emitting) OELD electroluminescence)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:09
S87	360	organic near4 (powder) same ((mix mixture blend combine) same (uniform homogeneous)) and (pellet pelletize press compress mold)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:28
S88	3786	organic near4 (powder) same ((mix mixture blend combine) same (dispersant solvent dispersion liquid water))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:29
S89	688	organic near4 (powder) same ((mix mixture blend combine) same (dispersant dispersion emulsify emulsifier))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/09 16:29
S90	35	organic near4 (powder) same ((mix mixture blend combine) same (dispersant dispersion emulsify emulsifier)) and (OLED OELD light-emitting (light adj emitting) electroluminescence)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:21
S91	1	("6797314").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:27
S92	0	(2002/0048548)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:31
S93	14	(chaklader).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:45
S94	1	("6237529").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:46
S95	1	S94 and (Ta W Pt)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:49
S96	0	S94 and (platnium)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:50



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S97	0	S94 and (platinum)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:56
S98	8	(OLED) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:59
S99	2025	powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:59
S10 0	1667	powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (Hz Hertz))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 07:59
S10 1	4	(OLED) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (Hz Hertz))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:02
S10 2	1	("4178182").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:01
S10 3	0	S102 and (Hz Hertz)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:01
S10 4	1	S102 and (kHz kiloHertz)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:47
S10 5	6	(OLED) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (kHz kiloHertz))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:02
S10 6	35	(OLED light-emitting electroluminescence) and powder and (ultrasonication or (ultrasonic adj mixing) or (ultrasonic adj horn) and (kHz kiloHertz))	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:02
S10 7	58	co-deposition and OLED	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 08:47
S10 8	119	(ultrasonic adj horn) near7 (kHz)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 16:21
S10 9	3	(ultrasonic adj horn) near7 (kHz) same (emulsion emulsified)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 16:22
S11 0	6	(ultrasonic adj horn) same (kHz) same (emulsion emulsified)	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/23 16:22

## EAST Search History

S11 1	1	"20030008071"	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/17 12:39
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